

Cargill ChemCure® 250F curing agent

Product Description

ChemCure® 250F modified aliphatic amine curing agent provides films with a high degree of chemical resistance and good resistance to blush. ChemCure® 250F curing agent can be used in low temperature curing environments as well as an accelerator.

Typical Properties

	TYPICAL VALUE	UNIT OF MEASURE
Color	1	Gardner
Viscosity @ 25 °C	130	cP
Density @ 25 °C	8.3	lb/gal
Amine Value	395	mg KOH/g sample
Equivalent Weight (AHEW)	72	wt/{H}
PHR	39	NA

Performance Properties

	TYPICAL VALUE 72°F / 25% Rel. Humidity	TYPICAL VALUE 50°F / 80% Rel. Humidity
Gel Time, 150g (min)	14	30
Work Time, 10 mil (min)	54	144
Dry time, tack-free, 10 mil (min)	95	217
Dry time, walk-on, 10 mil (min)	136	334
Hardness, 24 Hr, 25g (ShoreD)	84	-
TYPICAL VALUE 23°F / 20% Rel. Humidity		
Dry time, tack-free, 10 mil (min)	480	

Note: Data is based on lab testing performed with ChemRes™ 628 epoxy resins (Equivalent Weight = 186).

PRODUCT DATA

	TYPICAL VALUE 72°F / 50% Rel. Humidity	TYPICAL VALUE 50°F / 80% Rel. Humidity
Gel Time, 150g (min)	16	50
Work Time, 10 mil (min)	82	217
Dry time, tack-free, 10 mil (min)	120	296
Dry time, walk-on, 10 mil (min)	141	378
Hardness, 24 Hr, 25g (ShoreD)	80	-

Note: Data is based on lab testing performed with ChemRes™ 628 epoxy resins (Equivalent Weight = 192).

Compatibility

ChemCure® 250F curing agent is compatible with most curing agents, epoxy resins, and other components of epoxy systems, however, compatibility testing prior to large-scale application is recommended to ensure safe use.

Packaging, Storage, and Handling

Product is available in drums and totes. Keep away from extreme heat, cold, and moisture. Please refer to the product's safety data sheet for shipping, safety and handling.

Note: It is recommended that opened drums use a desiccant tube in the bleed bung and are covered with a nitrogen blanket if the drum will be stored as a partial for later use.

Shelf Life

The recommended shelf life is 12 months in unopened containers maintained at a proper storage temperature of 25°C.

Environmental and Safety

Please refer to the product's safety data sheet.

If you have further questions do not hesitate to **reach out to your local representative.**

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